

## ABSTRACT

An endoscope cable for use in an endoscope viewing apparatus for viewing an objective has an image viewing cable end portion for association with an image viewing device, a distal, image forming end portion including image forming means for forming an image of the objective, an image transmission means for transmitting the image from the image forming means to the image viewing cable end and a plurality of illumination light conducting fibers extending from an illumination light receiving end at the image viewing cable end to an illumination light emitting end at the image forming end of the cable. A first set of the illumination light conducting fibers has an illumination light emitting end portion axis parallel to the cable image forming end portion axis. A second set of the illumination light conducting fibers has an illumination light emitting end portion axis at a first acute angle to the cable image forming end portion axis. A third set of the illumination light conducting fibers has an illumination light emitting end portion axis at a second acute angle to the cable image forming end portion axis.